

HAY FEVER

"Hay fever is an exudative catarrh of the conjunctival, nasal, and tracheo-bronchial mucous membranes of seasonal periodicity produced in hypersensitive individuals by the sensitizing and anaphylatoxic action of the pollen of certain plants."—Koessler

During the year 1915, LEDERLE'S POLLEN VACCINE was used by over 600 physicians. The following clinical history blank was submitted to them in order that we might give the medical profession the benefit of their experience with this product.

CLINICAL HISTORY OF HAY FEVER PATIENT TREATED WITH POLLEN VACCINE

Patient's initials

Male or female

Age

Address: City

County

State

PREVIOUS HISTORY

How many seasons has patient had hay fever?

Spring or Fall type?

Date of usual onset?

How long does condition usually last?

Is attack mild or severe?

What time of day is attack most severe?

Is asthma associated with attack?

How soon after hay fever symptoms appear does asthmatic condition set in?

Are eye symptoms pronounced?

VACCINE HISTORY

Date that first dose of Pollen Vaccine was given?

Intervals between doses?

Date last dose was given?

Was the complete treatment given?

If vaccine was given BEFORE
onset of Hay Fever { Did patient subsequently develop hay fever?
Was attack mild or severe?
How long did symptoms of hay fever last?

If vaccine was given AFTER
onset of Hay Fever { How long had symptoms persisted when first dose was given?
How many doses were given before improvement occurred?
How many doses were given before all symptoms abated?

Remarks:

Physician's Name:

Address:

The results of these collected data show the following convincing facts:

1. Favorable results followed the use of POLLEN VACCINE as a *prophylactic* against hay fever in 83 *per cent.* of cases.
2. In the *treatment* of hay fever with POLLEN VACCINE, favorable results ensued in 89 *per cent.* of the cases.
3. Marked asthmatic symptoms were associated with 55 *per cent.* of the cases of hay fever, but POLLEN VACCINE successfully relieved the symptoms in 84.2 *per cent.* of the cases.
4. In 92.6 *per cent.* of cases, the hay fever attack appeared about the middle of August, while 7.4 *per cent.* of the cases were of the spring type.

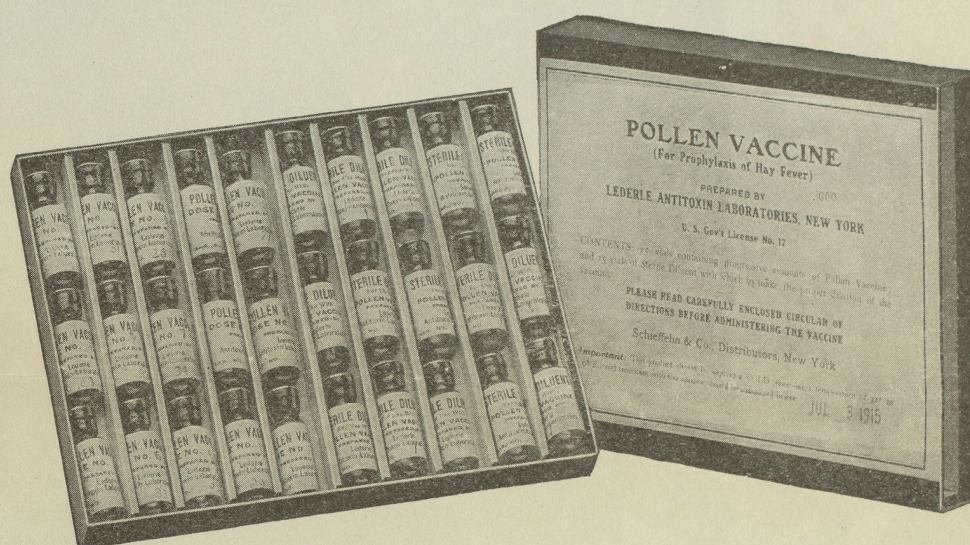
HOW FAVORABLE RESULTS WERE MANIFESTED

PROPHYLAXIS: When POLLEN VACCINE was used as a prophylactic beginning about eight weeks before the expected attack of hay fever, favorable results followed in that *either hay fever did not develop or*, in those cases in which hay fever did develop, *the symptoms persisted for a few hours or a few days only* and were very mild in character. Even patients who had experienced attacks of hay fever associated with marked asthmatic symptoms for twenty-two consecutive years remained free from both the hay fever and asthmatic symptoms as a result of the POLLEN VACCINE.

TREATMENT: When used for the purpose of treating an actual attack of hay fever, POLLEN VACCINE produced favorable results by *cutting short the attack and making the symptoms more mild*. Usually after the fourth dose there was marked improvement in the condition, but in some cases improvement did not begin until after the ninth dose. Many times after the tenth dose all symptoms abated. In other cases the symptoms did not entirely subside until the complete treatment of fifteen doses had been given.

LEDERLE'S POLLEN VACCINE.

In the preparation of Lederle's POLLEN VACCINE, pollen from all the common and widely distributed grasses, weeds and flowering plants, which are known to be important in causing hay fever in the spring, summer and fall, have been combined in suitable proportions to give an efficient protection against each individual pollen, as well as against all the pollen collectively; so that, whether the patient is susceptible to one or more of the common types of pollen, he should derive benefit from the use of Lederle's POLLEN VACCINE.



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Booklet containing review of published clinical reports and experimental work, manner of obtaining the vaccine, and directions for its use will be mailed upon receipt of the enclosed post card.

Lederle Antitoxin Laboratories

Schieffelin & Co., Distributors

New York